

ABSTRACT

The invention relates to a method for the regeneration of a particulate filter (7) arranged on an exhaust line (5) of an engine (3) of a motor vehicle (1), wherein the charge of said filter (7) is evaluated by means of a model wherein $P = f(Q_{vol}, \text{soot mass})$, and $P = P_{up} - P_{down}$, and $Q_{vol} = K * (Q_{air} + p_{fuel} * Q_{carb}) * N * T_{up} / P_{up}$, or P_{up} et P_{down} are the pressures measured respectively upstream and downstream from said particulate filter (7). The inventive method is characterized in that P_{down} is modelled and in that P_{up} is determined by means of the relation $P_{up} = P + P_{down}$.